



## **AP1117Y18G-13 Information**



For Reference Only

Part Number AP1117Y18G-13

Manufacturer Diodes Incorporated

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR 1.8V 1A SOT89-3

Package TO-243AA

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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## **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









## **AP1117Y18G-13 Specifications**

Manufacturer Part Number         APII17YI8G-13           Manufacturer         Diodes Incorporated           Category         Integrated Circuits (ICs)           Package         TO-243AA           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         18V           Voltage - Output (Min/Fixed)         1.8V           Voltage - Output (Max)         -           Voltage Dropout (Max)         1.4V @ 1A           Current - Output         1A           Current - Supply (Max)         10mA           PSRR         60dB (180Hz)           Control Features         Over Current, Over Temperature           Operating Temperature         0°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         TO-243AA           Supplier Device Package         SOT-89-3		
Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         TO-243AA           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         18V           Voltage - Output (Min/Fixed)         1.8V           Voltage - Output (Max)         -           Voltage Dropout (Max)         1.4V @ 1A           Current - Output         1A           Current - Quiescent (Iq)         -           Current - Supply (Max)         10mA           PSRR         60dB (180Hz)           Control Features         -           Protection Features         Over Current, Over Temperature           Operating Temperature         0°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         TO-243AA           Supplier Device Package         SOT-89-3	Manufacturer Part Number	AP1117Y18G-13
Package TO-243AA  Series - Couput Configuration Positive  Output Type Fixed  Number of Regulators 1  Voltage - Input (Max) 18V  Voltage - Output (Min/Fixed) 1.8V  Voltage - Output (Max) - Couput (Max) 1.4V @ 1A  Current - Output (Max) 1.4V @ 1A  Current - Quiescent (Iq) - Current - Supply (Max) 1.0mA  PSRR 60dB (180Hz)  Control Features Over Current, Over Temperature  Operating Temperature Over Mount Mounting Type Surface Mount  Package / Case TO-243AA  Supplier Device Package SOT-89-3	Manufacturer	Diodes Incorporated
Package         TO-243AA           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         18V           Voltage - Output (Min/Fixed)         1.8V           Voltage - Output (Max)         -           Voltage Dropout (Max)         1.4V @ 1A           Current - Output         1           Current - Quiescent (Iq)         -           Current - Supply (Max)         10mA           PSRR         60dB (180Hz)           Control Features         Over Current, Over Temperature           Operating Temperature         0°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         TO-243AA           Supplier Device Package         SOT-89-3	Category	Integrated Circuits (ICs)
Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         18V           Voltage - Output (Min/Fixed)         1.8V           Voltage - Output (Max)         -           Voltage Dropout (Max)         1.4V @ 1A           Current - Output         1A           Current - Quiescent (Iq)         -           Current - Supply (Max)         10mA           PSRR         60dB (180Hz)           Control Features         -           Protection Features         Over Current, Over Temperature           Operating Temperature         0°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         TO-243AA           Supplier Device Package         SOT-89-3		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)18VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)1.4V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)10mAPSRR60dB (180Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-243AASupplier Device PackageSOT-89-3	Package	TO-243AA
Output Type Fixed  Number of Regulators 1  Voltage - Input (Max) 18V  Voltage - Output (Min/Fixed) 1.8V  Voltage - Output (Max) -  Voltage Dropout (Max) 1.4V @ 1A  Current - Output 1A  Current - Quiescent (Iq) -  Current - Supply (Max) 10mA  PSRR 60dB (180Hz)  Control Features -  Protection Features Over Current, Over Temperature  Operating Temperature 0°C ~ 125°C  Mounting Type Surface Mount  Package / Case TO-243AA  Supplier Device Package SOT-89-3	Series	-
Number of Regulators  Voltage - Input (Max)  Voltage - Output (Min/Fixed)  1.8V  Voltage - Output (Max)  Voltage Dropout (Max)  -  Voltage Dropout (Max)  1.4V @ 1A  Current - Output  1A  Current - Quiescent (Iq)  -  Current - Supply (Max)  10mA  PSRR  60dB (180Hz)  Control Features  Protection Features  Over Current, Over Temperature  Operating Temperature  Operating Type  Mounting Type  Surface Mount  Package / Case  SUT-89-3	Output Configuration	Positive
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  1.8V  Voltage - Output (Max)  - Voltage Dropout (Max)  1.4V @ 1A  Current - Output  1A  Current - Quiescent (Iq)  - Current - Supply (Max)  10mA  PSRR  60dB (180Hz)  Control Features  - Protection Features  Operating Temperature  Operating Temperature  Operating Type  Surface Mount  Package / Case  TO-243AA  Supplier Device Package	Output Type	Fixed
Voltage - Output (Min/Fixed)  Voltage - Output (Max)  - Voltage Dropout (Max)  1.4V @ 1A  Current - Output  1A  Current - Quiescent (Iq)  - Current - Supply (Max)  10mA  PSRR  60dB (180Hz)  Control Features  - Protection Features  Over Current, Over Temperature  Operating Temperature  0°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  Supplier Device Package	Number of Regulators	1
Voltage - Output (Max)  Voltage Dropout (Max)  1.4V @ 1A  Current - Output  1A  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  60dB (180Hz)  Control Features  - Protection Features  Over Current, Over Temperature  Operating Temperature  O°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  SOT-89-3	Voltage - Input (Max)	18V
Voltage Dropout (Max)  Current - Output  1A  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  60dB (180Hz)  Control Features  - Protection Features  Operating Temperature  Operating Type  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  1A  1A  Over Current, Over Temperature  O°C ~ 125°C  Surface Mount  TO-243AA  Supplier Device Package	Voltage - Output (Min/Fixed)	1.8V
Current - Output  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  60dB (180Hz)  Control Features  - Protection Features  Operating Temperature  Operating Type  Surface Mount  Package / Case  TO-243AA  Supplier Device Package	Voltage - Output (Max)	-
Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  60dB (180Hz)  Control Features  - Protection Features  Operating Temperature  Operating Type  Surface Mount  Package / Case  TO-243AA  Supplier Device Package	Voltage Dropout (Max)	1.4V @ 1A
Current - Supply (Max)  PSRR  60dB (180Hz)  Control Features  - Protection Features  Over Current, Over Temperature  Operating Temperature  0°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  TO-243AA  Supplier Device Package	Current - Output	1A
PSRR 60dB (180Hz)  Control Features -  Protection Features Over Current, Over Temperature  Operating Temperature 0°C ~ 125°C  Mounting Type Surface Mount  Package / Case TO-243AA  Supplier Device Package SOT-89-3	Current - Quiescent (Iq)	-
Control Features - Over Current, Over Temperature Operating Temperature 0°C ~ 125°C Mounting Type Surface Mount Package / Case TO-243AA Supplier Device Package SOT-89-3	Current - Supply (Max)	10mA
Protection FeaturesOver Current, Over TemperatureOperating Temperature $0^{\circ}$ C ~ $125^{\circ}$ CMounting TypeSurface MountPackage / CaseTO-243AASupplier Device PackageSOT-89-3	PSRR	60dB (180Hz)
Operating Temperature 0°C ~ 125°C  Mounting Type Surface Mount  Package / Case TO-243AA  Supplier Device Package SOT-89-3	Control Features	-
Mounting Type Surface Mount Package / Case TO-243AA Supplier Device Package SOT-89-3	Protection Features	Over Current, Over Temperature
Package / Case TO-243AA Supplier Device Package SOT-89-3	Operating Temperature	0°C ~ 125°C
Supplier Device Package SOT-89-3	Mounting Type	Surface Mount
	Package / Case	TO-243AA
Report errors?	Supplier Device Package	SOT-89-3
		Report errors?

#### AP1117Y18G-13 Guarantees



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

# **AP1117Y18G-13 Payment Methods**





















### **AP1117Y18G-13 Shipping Methods**













If you have any question about AP1117Y18G-13, please do not hesitate to contact us!

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